CLAIMS

What is claimed is:

1.   An end user interface (EUI) comprising:

a first display container cell;

5   a second display container cell nested within the first display container cell; and

a first action cell nested within one of said first and second display container cells, the first action cell being associated with causing at least a first action to be performed in association with or on behalf of at least one of a third

10   display container cell and a fourth display container cell.

2.   The EUI of claim 1, wherein the first display container cell is a selected one of a root region container cell and a nested region container cell.

3.   The EUI of claim 1, wherein the second display container cell is a display container cell selected from a display container cell group consisting of a nested

15   region container cell, a nested zone container cell, and a nested action cell pool container cell.

4.   The EUI of claim 1, wherein the fourth display container cell is nested in the third display container cell.

5.   The EUI of claim 4, wherein the third display container cell and the second

20   display container cell are the same display container cell.

6.   The EUI of claim 4, wherein the third display container cell and the first display container cell are the same display container cell.

7.   The EUI of claim 6, wherein the fourth display container cell and the second display container cells are the same display container cells.

25   8.   The EUI of claim 4, wherein the third display container cell and the first display container cell are the same display container cell.

9.   The EUI of claim 8, wherein the fourth display container cell and a

selected one of the first and second display container cells are the same display container cells.

10. The EUI of claim 1, wherein the fourth display container cell is an invisible cell.

11. The EUI of claim 1, wherein the first action cell is associated with causing a first action to be performed in association with or on behalf of both the third container cell and the fourth container cell.

12. The EUI of claim 11, wherein the first action cell is further associated with causing a second action to be performed in association with or on behalf of at least one of the third and the fourth container cell.

13. The EUI of claim 1, wherein the first action cell is further associated with causing a second action to be performed in association with or on behalf of at least one of the third and the fourth container cell.

14. The EUI of claim 1, wherein the first action comprises performing an action selected from an action group consisting of adding a display container cell as a currently visible display contain cell among one or more other currently visible display container cell, rendering a content, process a content and causing a script to be executed.

15. The EUI of claim 1, wherein the first action comprises performing an action selected from an action group consisting of requesting a user action, requesting a local system action, and/or requesting a remote system action.

16. The EUI of claim 1, wherein the first action cell has a plurality of associated attributes defining the first action cell, including attributes selected from a attribute group consisting of one or more structural attributes, one or more geometric attributes, one or more visual attributes, one or more policy attributes, and one or more behavior attributes.

17. The EUI of claim 1, wherein the first action comprises performing an action selected from an action group consisting of associating a defining attribute with a

display container cell, modifying a defining attribute associated with a display container cell, and deleting a defining attribute associated with a display container cell.

18.   The EUI of claim 1, wherein the first action comprises performing an action

5   selected from an action group consisting of adding one or more cells to the EUI, and deleting one or more cells from the EUI.

19.   The EUI of claim 1, wherein the first action associated with the first action cell is associated based at least in part on one or more attributes of one or more of the display container cells within which the first action cell is nested.

10   20.   The EUI of claim 1, wherein the first action associated with the first action cell is associated based at least in part on one or more current state values of one or more of the display container cells within which the first action cell is nested.

21.   The EUI of claim 1, wherein the first action associated with the first action

15   cell is an action to be performed in response to a structural exception event involving the at least one of the fourth and fifth display container cells.

22.   The EUI of claim 1, wherein the EUI further comprises a second action cell associated with causing at least a second action to be performed in association with or on behalf of one or more nested container cells.

20   23.   A computing device implemented method comprising
             rendering a first display container cell of an end user interface (EUI);
             rendering a second display container cell of the EUI nested within the first
display container cell; and
                 rendering an action cell of the EUI nested within one of said first

25   and second display container cells, the action cell being associated with causing at least a first action to be performed in association with or on behalf of at least one of a third container cell and a fourth container cell.

24.   The method of claim 23, wherein said rendering of the action cell is

performed in view of a plurality of associated attributes of the action cell defining
action cell, the associated attributes being attributes selected from a attribute
group consisting of one or more structural attributes, one or more geometric
attributes, one or more visual attributes, one or more policy attributes, and one or
5   more behavior attributes.

25.   The method of claim 23, wherein the method further comprises performing
the action in response to a user selection of the first action cell, and the action
being an action selected from an action group consisting of adding a display
container cell as a currently visible display contain cell among one or more other
10   currently visible display container cell, rendering a content, process a content and
causing a script to be executed.

26.   The method of claim 23, wherein the method further comprises performing
the action in response to a user selection of the action cell, and the action being
an action selected from an action group consisting of associating one or more
15   defining attributes with a display container cell, modifying one or more defining
attributes associated with a display container cell, deleting one or more defining
attributes associated with a display container cell, adding one or more cells to the
EUI, and deleting one or more cells from the EUI.

27.   The method of claims 23, wherein the method further comprises
20   performing the action in response to a user selection of the action cell, and the
action associated with the action cell is associated based at least in part on one
or more attributes or one or more state values of one or more of the display
container cells within which the action cell is nested.

28.   A system comprising:
25   a processor;
             a display coupled to the processor; and
             storage coupled to the processor, and having stored therein instructions
designed implement an end user interface for the system, the end user interface
having
30   a first display container cell;

a second display container cell nested within the first display container cell; and

a first action cell nested within one of said first and second display container cells, the first action cell being associated with causing at least a first
5   action to be performed in association with or on behalf of at least one of a third container cell and a fourth container cell.

29.   The system of claim 28, wherein the first action comprises an action selected from an action group consisting of adding a display container cell as a currently visible display contain cell among one or more other currently visible
10   display container cell, rendering a content, process a content and causing a script to be executed.

30.   The system of claim 28, wherein the first action comprises an action selected from an action group consisting of associating one or more defining attributes with a display container cell, modifying one or more defining attributes
15   associated with a display container cell, deleting one or more defining attributes associated with a display container cell, adding one or more cells to the EUI, and deleting one or more cells from the EUI.

31.   The system of claim 28, wherein the first action associated with the first action cell is associated based at least in part on one or more attributes or one or
20   more state values of one or more of the display container cells within which the first action cell is nested.

32.   The system of claims 28, wherein the EUI further comprises a second action cell associated with causing at least a second action to be performed in association with or on behalf of one or more nested container cells.